11/13/87 S3808-1

DES DIVISION OF EMPLOYMENT SECURITY

Employment Review

August 1987

Employment Follows Seasonal Pattern

Showing a slight recovery from July's seasonal declines, the Commonwealth's total nonagricultural wage and salary employment grew by 6,500 in August 1987. Despite this increase, total employment (3,049,700) remained below June's level.

- Both manufacturing and construction displayed seasonal job increases over the month, with new jobs in these industries numbering 6,400 and 2,700 respectively. Other sectors showing increases in employment levels include finance, insurance, and real estate (+600 jobs); and services (+ 2,600 jobs).

- Seasonal factors continued to affect employment in the government sector. Job levels in this sector dropped by 5,100 over the month, with the largest decrease in local government education.

Annual employment growth continues to reflect a shift in industrial patterns, with the service sector generating a significant proportion of new jobs created over the year. Since August 1986 the number of jobs in the service sector has grown by 40,200 or 4.9 percent. Total nonagricultural employment gained 68,500 jobs over the same time period.

- Sectors displaying growth over the year include: finance, insurance and real estate (+ 10,100); wholesale and retail trade (+14,300); and construction (+6,800).

- Job growth in the government sector continues at a fairly slow pace with 3,900 new jobs since August 1986.

- Job losses in the manufacturing industries have moderated, dropping 10,600 since August 1986.

New Publication Available

The Economic Research and Analysis Services announces the availability of Occupations in Trade, Transportation, Communications, and Utitities, 1985, the latest in a series of reports profiling the occupational structure of Massachusetts' industries. A copy may be obtained by writing to:

Economic Research & Analysis Publications
Mass. Division of Employment Security
C. F. Hurley Building 2nd. fl.
Government Center
Boston, Ma 02214

(continued on page 9)

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				Prior Mo.		Year Ago	
	Aug 1987	July 1987	Aug 1986	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3049.7	3043.2	2981.2	6.5	0.2	68.5	2.3
Manufacturing	599.7	593.3	610.3	6.4	1.1	-10.6	-1.7
Durable Goods	401.5	399.1	408.9	2.4	0.6	-7.4	-1.8
Lumber & Furniture	13.4	13.1	13.4	0.3	2.3	0.0	****
Stone,Clay & Glass	10.5	10.4	10.9	0.1	1.0	-0.4	-3.7
Primary Metals	15.3	15.3	15.5	0.0	****	-0.2	-1.3
Fabricated Metals	39.9	39.6	41.6	0.3	0.8	-1.7	-4.1
Cutlery,Hand tools,Hardware	9.1	9.0	9.5	0.1	1.1	-0.4	-4.2
Machinery, except electrical	93.2	93.2	95.5	0.0	****	-2.3	-2.4
Metalworking machinery	12.9	12.9	13.6	0.0	****	-0.7	-5.1
Special industry machinery	10.9	11.0	12.0	-0.1	-0.9	-1.1	-9.2
* Office Computing, & Accounting Machines	47.8	47.6	47.2	0.2	0.4	0.6	1.3
Electrical & Electronic machinery,equip.,etc.	122.6	121.0	123.3	1.6	1.3	-0.7	-0.6
Communications equipment	40.4	40.5	44.0	-0.1	-0.2	-3.6	-8.2
Electronic components	58.5	58.5	55.8	0.0	****	2.7	4.8
Transportation equipment	33.1	33.0	34.3	0.1	0.3	-1.2	-3.5
Instruments	54.1	54.4	55.2	-0.3	-0.6	-1.1	-2.0
Measuring & Control devices	19.5	19.6	20.6	-0.1	-0.5	-1.1	-5.3
Miscellaneous Manufacturing Industries	19.4	19.1	19.2	0.3	1.6	0.2	1.0
Jewelry	7.6	7.4	7.3	0.2	2.7	0.3	4.1
Nondurable Goods	198.2	194.2	201.4	4.0	2.1	-3.2	-1.6
Food & kindred products	23.5	23.2	23.3	0.3	1.3	0.2	0.9
Textile mill products	16.8	16.8	17.2	0.0	****	-0.4	-2.3
Apparel	25.7	23.5	27.4	2.2	9.4	-1.7	-6.2
Mens & Boys suits,coats & furnishings	6.5	6.4	6.8	0.1	1.6	-0.3	-4.4
Paper & allied products	23.3	22.9	23.5	0.4	1.7	-0.2	-0.9
Printing & Publishing	53.2	53.0	52.7	0.2	0.4	0.5	0.9
Chemicals	17.0	17.2	17.5	-0.2	-1.2	-0.5	-2.9
Rubber & miscellaneous Plastic products	27.3	27.0	28.4	0.3	1.1	-1.1	-3.9
Miscellaneous Plastic products	21.1	20.7	21.4	0.4	1.9	-0.3	-1.4
Leather & Leather products	9.7	9.0	9.9	0.7	7.8	-0.2	-2.0
Footwear, except rubber	4.8	4.7	5.2	0.1	2.1	-0.4	-7.7
Mining	2.2	2.2	1.9	0.0	****	0.3	15.8
Construction	139.1	136.4	132.3	2.7	2.0	6.8	5.1
Transportation, Communication & Public Utilities	126.9	127.2	123.4	-0.3	-0.2	3.5	2.8
Wholesale & Retail trade	723.6	724.0	709.3	-0.4	-0.1	14.3	2.0
Wholesale Trade	167.9	167.2	160.6	0.7	0.4	7.3	4.5
Retail Trade	555.7	556.8	548.7	-1.1	-0.2	7.0	1.3
Finance, Insurance & Real Estate	220.3	219.7	210.2	0.6	0.3	10.1	4.8
Banking	64.3	64.4	62.8	-0.1	-0.2	1.5	2.4
Services	860.9	858.3	820.7	2.6	0.3	40.2	4.9
Health Services	248.2	247.6	239.7	0.6	0.2	8.5	3.5
Educational Services	100.3	100.5	96.3	-0.2	-0.2	4.0	4.2
Government	377.0	382.1	373.1	-5.1	-1.3	3.9	1.0
Federal	59.3	59.7	58.4	-0.4	-0.7	0.9	1.5
U.S. Postal Service	27.1	27.2	25.2	-0.1	-0.4	1.9	7.5
State	100.3	100.6	98.4	-0.3	-0.3	1.9	1.9
Educational services	26.0	26.3	26.4	-0.3	-1.1	-0.4	-1.5
Local	217.4	221.8	216.3	-4.4	-2.0	1.1	0.5
Educational services	105.7	109.8	107.7	-4.1	-3.7	-2.0	-1.9
Other Local	111.7	112.0	108.6	-0.3	-0.3	3.1	2.9
* High Technology Manufacturing	249.3	247.8	250.0	1.5	0.6	-0.7	-0.3
* High Technology Nonmanufacturing	85.0	84.1	82.3	0.9	1.1	2.7	3.3

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				Prior Mo.		Year Ago	
	Aug 1987	July 1987	Aug 1986	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1707.6	1709.8	1661.0	-2.2	-0.1	46.6	2.8
Manufacturing	286.2	285.0	291.8	1.2	0.4	-5.6	-1.9
Durable Goods	207.0	206.7	209.7	0.3	0.1	-2.7	-1.3
Primary Metals	3.0	3.1	3.1	-0.1	-3.2	-0.1	-3.2
Fabricated Metals	16.2	15.9	17.1	0.3	1.9	-0.9	-5.3
Machinery, except electrical	41.1	41.0	41.6	0.1	0.2	-0.5	-1.2
Electrical & Electronic machinery,equip.,etc.	75.3	74.9	74.1	0.4	0.5	1.2	1.6
Transportation equipment	20.2	20.3	21.6	-0.1	-0.5	-1.4	-6.5
Instruments	39.9	40.2	40.7	-0.3	-0.7	-0.8	-2.0
Nondurable Goods	79.2	78.3	82.1	0.9	1.1	-2.9	-3.5
Food & kindred products	12.1	12.1	12.5	0.0	****	-0.4	-3.2
Textile mill products	2.2	2.3	2.4	-0.1	-4.3	-0.2	-8.3
Apparel	6.5	6.2	7.4	0.3	4.8	-0.9	-12.2
Paper & allied products	6.6	6.4	7.5	0.2	3.1	-0.9	-12.0
Printing & Publishing	33.1	32.9	32.5	0.2	0.6	0.6	1.8
Chemicals	7.9	7.9	8.1	0.0	****	-0.2	-2.5
Rubber & miscellaneous Plastic products	7.6	7.5	8.4	0.1	1.3	-0.8	-9.5
Leather & Leather products	2.6	2.4	2.6	0.2	8.3	0.0	****
Mining	1.0	1.0	0.8	0.0	****	0.2	25.0
Construction	73.3	71.9	69.1	1.4	1.9	4.2	6.1
Transportation, Communication & Public Utilities	74.2	74.4	72.3	-0.2	-0.3	1.9	2.6
Wholesale & Retail trade	386.6	388.0	371.9	-1.4	-0.4	14.7	4.0
Finance, Insurance & Real Estate	150.1	150.1	143.5	0.0	****	6.6	4.6
Banking	43.0	43.0	41.9	0.0	****	1.1	2.6
Insurance	37.5	37.6	38.1	-0.1	-0.3	-0.6	-1.6
Services	547.8	546.4	526.5	1.4	0.3	21.3	4.0
Health Services	139.8	139.4	136.8	0.4	0.3	3.0	2.2
Educational Services	67.3	67.3	69.6	0.0	****	-2.3	-3.3
Government	188.4	193.0	185.1	-4.6	-2.4	3.3	1.8
Federal	38.9	39.3	37.2	-0.4	-1.0	1.7	4.6
U.S. Postal Service	15.0	15.1	14.1	-0.1	-0.7	0.9	6.4
Federal Hospitals	5.1	5.1	5.0	0.0	****	0.1	2.0
State	50.9	51.2	48.9	-0.3	-0.6	2.0	4.1
State Hospitals	4.8	4.9	4.7	-0.1	-2.0	0.1	2.1
Educational services	8.7	8.7	8.2	0.0	****	0.5	6.1
Local	98.6	102.5	99.0	-3.9	-3.8	-0.4	-0.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				Prior Mo.		Year Ago	
	Aug 1987	July 1987	Aug 1986	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	237.4	238.4	227.9	-1.0	-0.4	9.5	4.2
Manufacturing	52.3	52.6	51.0	-0.3	-0.6	1.3	2.5
Durable Goods	27.7	27.8	25.7	-0.1	-0.4	2.0	7.8
Fabricated Metals	7.3	7.2	6.7	0.1	1.4	0.6	9.0
Machinery, except electrical	6.8	6.8	6.5	0.0	****	0.3	4.6
Nondurable Goods	24.6	24.8	25.3	-0.2	-0.8	-0.7	-2.8
Textile mill products	1.8	1.8	1.7	0.0	****	0.1	5.9
Apparel	0.8	0.8	0.9	0.0	****	-0.1	-11.1
Paper & allied products	7.8	8.0	7.6	-0.2	-2.5	0.2	2.6
Printing & Publishing	6.1	6.2	6.1	-0.1	-1.6	0.0	****
Mining	0.2	0.2	0.2	0.0	****	0.0	****
Construction	10.3	10.1	9.1	0.2	2.0	1.2	13.2
Transportation, Communication & Public Utilities	9.0	8.9	8.7	0.1	1.1	0.3	3.4
Wholesale & Retail trade	56.5	56.0	53.7	0.5	0.9	2.8	5.2
Finance, Insurance & Real Estate	17.1	16.9	16.2	0.2	1.2	0.9	5.6
Services	56.8	56.5	54.7	0.3	0.5	2.1	3.8
Government	35.2	37.2	34.3	-2.0	-5.4	0.9	2.6
Federal	6.1	6.1	6.1	0.0	****	0.0	****
State	8.1	8.3	7.8	-0.2	-2.4	0.3	3.8
Local	21.0	22.8	20.4	-1.8	-7.9	0.6	2.9
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	193.9	193.3	187.5	0.6	0.3	6.4	3.4
Manufacturing	45.0	44.5	45.6	0.5	1.1	-0.6	-1.3
Durable Goods	30.4	30.1	31.1	0.3	1.0	-0.7	-2.3
Primary Metals	2.2	2.1	2.0	0.1	4.8	0.2	10.0
Fabricated Metals	7.0	7.0	7.3	0.0	****	-0.3	-4.1
Machinery, except electrical	8.7	8.7	9.3	0.0	****	-0.6	-6.5
Nondurable Goods	14.6	14.4	14.5	0.2	1.4	0.1	0.7
Textile mill products	2.8	2.8	2.7	0.0	****	0.1	3.7
Leather & Leather products	0.8	0.8	0.9	0.0	****	-0.1	-11.1
Mining	0.2	0.2	0.2	0.0	****	0.0	****
Construction	10.0	9.9	9.2	0.1	1.0	0.8	8.7
Transportation, Communication & Public Utilities	7.9	8.0	8.0	-0.1	-1.3	-0.1	-1.3
Wholesale & Retail trade	49.5	49.5	46.6	0.0	****	2.9	6.2
Finance, Insurance & Real Estate	13.7	13.5	12.8	0.2	1.5	0.9	7.0
Services	46.2	45.9	43.7	0.3	0.7	2.5	5.7
Government	21.4	21.8	21.4	-0.4	-1.8	0.0	****

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				Prior Mo.		Year Ago	
	Aug 1987	July 1987	Aug 1986	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	72.8	72.3	70.0	0.5	0.7	2.8	4.0
Manufacturing	10.9	10.8	11.3	0.1	0.9	-0.4	-3.5
Durable Goods	6.0	6.0	6.1	0.0	****	-0.1	-1.6
Electrical & Electronic machinery,equip.,etc.	1.6	1.6	1.5	0.0	****	0.1	6.7
Nondurable Goods	4.9	4.8	5.2	0.1	2.1	-0.3	-5.8
Construction	5.5	5.2	4.1	0.3	5.8	1.4	34.1
Transportation, Communication & Public Utilities	4.9	4.8	4.9	0.1	2.1	0.0	****
Wholesale & Retail trade	21.8	21.8	20.9	0.0	****	0.9	4.3
Finance, Insurance & Real Estate	3.2	3.3	3.1	-0.1	-3.0	0.1	3.2
Services	15.2	14.8	14.6	0.4	2.7	0.6	4.1
Government	11.3	11.6	11.1	-0.3	-2.6	0.2	1.8
Federal	3.2	3.2	3.0	0.0	****	0.2	6.7
State	2.2	2.1	2.3	0.1	4.8	-0.1	-4.3
Local	5.9	6.3	5.8	-0.4	-6.3	0.1	1.7
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	161.1	160.1	157.2	1.0	0.6	3.9	2.5
Manufacturing	50.4	49.9	52.7	0.5	1.0	-2.3	-4.4
Durable Goods	36.7	36.6	39.2	0.1	0.3	-2.5	-6.4
Nondurable Goods	13.7	13.3	13.5	0.4	3.0	0.2	1.5
Leather & Leather products	2.0	1.8	2.1	0.2	11.1	-0.1	-4.8
Construction	9.8	9.6	9.1	0.2	2.1	0.7	7.7
Transportation, Communication & Public Utilities	6.6	6.5	6.3	0.1	1.5	0.3	4.8
Wholesale & Retail trade	38.2	38.1	35.4	0.1	0.3	2.8	7.9
Finance, Insurance & Real Estate	6.6	6.5	6.1	0.1	1.5	0.5	8.2
Services	32.5	32.2	31.4	0.3	0.9	1.1	3.5
Government	17.0	17.3	16.2	-0.3	-1.7	0.8	4.9

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				Prior Mo.		Year Ago	
	Aug 1987	July 1987	Aug 1986	#	%	#	%
PITTSFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	44.6	44.2	43.5	0.4	0.9	1.1	2.5
Manufacturing	11.8	11.3	12.0	0.5	4.4	-0.2	-1.7
Machinery	6.9	7.0	7.9	-0.1	-1.4	-1.0	-12.7
Construction	2.3	2.5	2.1	-0.2	-8.0	0.2	9.5
Transportation, Communication & Public Utilities	1.0	1.0	1.1	0.0	****	-0.1	-9.1
Wholesale & Retail trade	11.6	11.5	11.3	0.1	0.9	0.3	2.7
Finance, Insurance & Real Estate	2.3	2.3	2.1	0.0	****	0.2	9.5
Services	11.3	11.2	10.6	0.1	0.9	0.7	6.6
Government	4.2	4.3	4.2	-0.1	-2.3	0.0	****
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	65.9	65.1	65.2	0.8	1.2	0.7	1.1
Manufacturing	20.1	19.4	19.9	0.7	3.6	0.2	1.0
Durable Goods	8.8	8.6	8.1	0.2	2.3	0.7	8.6
Primary & Fabricated Metals	3.2	3.2	2.4	0.0	****	0.8	33.3
Nondurable Goods	11.3	10.8	11.8	0.5	4.6	-0.5	-4.2
Apparel	6.4	5.6	6.5	0.8	14.3	-0.1	-1.5
Construction	4.1	4.0	3.3	0.1	2.5	0.8	24.2
Transportation, Communication & Public Utilities	3.4	3.3	3.2	0.1	3.0	0.2	6.3
Wholesale & Retail trade	15.2	15.2	15.3	0.0	****	-0.1	-0.7
Finance, Insurance & Real Estate	2.7	2.7	2.6	0.0	****	0.1	3.8
Services	12.2	12.3	11.9	-0.1	-0.8	0.3	2.5
Government	8.2	8.2	9.0	0.0	****	-0.8	-8.9
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	56.3	54.7	54.6	1.6	2.9	1.7	3.1
Manufacturing	16.3	15.2	17.1	1.1	7.2	-0.8	-4.7
Textile mill products	4.1	4.1	4.1	0.0	****	0.0	****
All other manufacturing	12.2	11.1	13.0	1.1	9.9	-0.8	-6.2
Construction	3.1	3.0	2.4	0.1	3.3	0.7	29.2
Transportation, Communication & Public Utilities	1.9	1.9	1.6	0.0	****	0.3	18.8
Wholesale & Retail trade	15.6	15.1	14.3	0.5	3.3	1.3	9.1
Finance, Insurance & Real Estate	3.0	3.0	2.9	0.0	****	0.1	3.4
Services	10.9	10.9	10.6	0.0	****	0.3	2.8
Government	5.5	5.6	5.7	-0.1	-1.8	-0.2	-3.5

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				Prior Mo.		Year Ago	
	Aug 1987	July 1987	Aug 1986	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	39.6	39.0	38.8	0.6	1.5	0.8	2.1
Manufacturing	12.8	12.5	12.8	0.3	2.4	0.0	****
Durable Goods	5.0	4.9	5.3	0.1	2.0	-0.3	-5.7
Machinery, except electrical	3.5	3.5	3.5	0.0	****	0.0	****
Nondurable Goods	7.8	7.6	7.5	0.2	2.6	0.3	4.0
Rubber & miscellaneous Plastic products	3.9	3.8	3.6	0.1	2.6	0.3	8.3
Construction	2.4	2.3	2.3	0.1	4.3	0.1	4.3
Transportation, Communication & Public Utilities	1.3	1.3	1.3	0.0	****	0.0	****
Wholesale & Retail trade	10.2	10.1	9.8	0.1	1.0	0.4	4.1
Finance, Insurance & Real Estate	1.7	1.7	1.6	0.0	****	0.1	6.3
Services	7.2	7.1	7.1	0.1	1.4	0.1	1.4
Government	4.0	4.0	3.9	0.0	****	0.1	2.6
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	104.0	103.6	102.2	0.4	0.4	1.8	1.8
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Manufacturing	36.7	36.5	37.2	0.2	0.5	-0.5	-1.3
Construction	6.0	5.9	5.4	0.1	1.7	0.6	11.1
Transportation, Communication & Public Utilities	2.9	2.9	3.1	0.0	****	-0.2	-6.5
Wholesale & Retail trade	21.3	21.2	21.3	0.1	0.5	0.0	****
Finance, Insurance & Real Estate	4.4	4.4	4.1	0.0	****	0.3	7.3
Services	20.7	20.6	19.1	0.1	0.5	1.6	8.4
Government	11.9	12.0	11.8	-0.1	-0.8	0.1	0.8
*** SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	112.7	113.1	110.1	-0.4	-0.4	2.6	2.4
Manufacturing	22.3	22.2	23.1	0.1	0.5	-0.8	-3.5
Durable Goods	15.6	15.5	16.2	0.1	0.6	-0.6	-3.7
Nondurable Goods	6.7	6.7	6.9	0.0	****	-0.2	-2.9
Construction	4.7	4.7	4.5	0.0	****	0.2	4.4
Transportation, Communication & Public Utilities	3.6	3.6	3.3	0.0	****	0.3	9.1
Wholesale & Retail trade	34.2	34.1	33.5	0.1	0.3	0.7	2.1
Finance, Insurance & Real Estate	5.6	5.5	5.2	0.1	1.8	0.4	7.7
Services	28.2	28.2	26.9	0.0	****	1.3	4.8
Government	14.0	14.7	13.5	-0.7	-4.8	0.5	3.7

NOTE: By place of work, not comparable to labor force employment statistics

* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY

MANUFACTURING

Area	Average Weekly Hours			Average Hourly Earnings		
	Aug 87	July 87	Aug 86	Aug 87	July 87	Aug 86
UNITED STATES	40.9	40.6	40.7	$9.86	$9.88	$9.68
MASSACHUSETTS	41.3	40.9	41.3	9.80	9.73	9.26
BOSTON	40.5	40.0	40.1	10.67	10.67	10.13
BROCKTON	39.6	40.1	*	7.97	7.96	*
FALL RIVER	38.3	38.2	*	7.54	7.56	*
LAWRENCE-HAVERHILL	40.9	40.6	*	9.89	9.87	*
LOWELL	42.8	41.4	*	10.09	10.16	*
NEW BEDFORD	37.6	38.4	*	8.28	8.30	*
SPRINGFIELD	42.2	42.5	42.6	9.19	9.17	8.96
WORCESTER	40.6	40.3	40.1	9.69	9.70	9.39

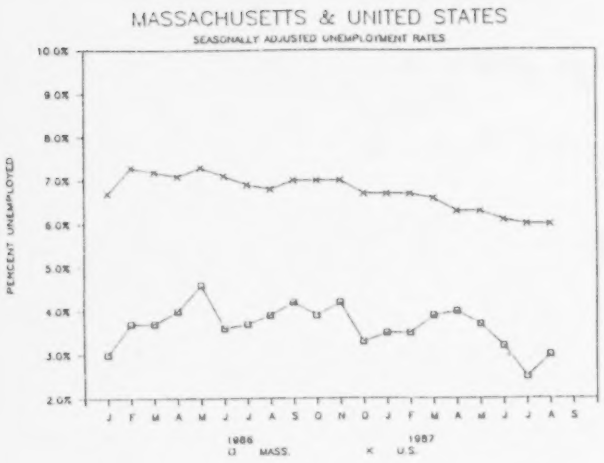
*INFORMATION NOT AVAILABLE

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY

MASSACHUSETTS

Industry	Average Weekly Hours			Average Hourly Earnings		
	Aug 87	July 87	Aug 86	Aug 87	July 87	Aug 86
MANUFACTURING	41.3	40.9	41.3	9.80	9.73	9.26
DURABLE GOODS	42.2	41.4	41.6	10.26	10.20	9.68
LUMBER & FURNITURE	40.9	40.7	41.1	7.56	7.63	6.76
STONE, CLAY & GLASS	41.0	40.6	40.0	11.91	11.87	11.28
PRIMARY METALS	43.6	44.3	42.9	9.58	9.39	9.10
FABRICATED METALS	40.5	40.4	42.0	10.13	10.31	9.42
CUTLERY, ETC.	43.9	42.3	41.7	11.19	11.15	10.69
MACHINERY, EX. ELEC.	42.7	41.9	42.1	10.65	10.74	10.45
METALWORKING MACH.	43.2	43.4	41.0	11.16	11.03	10.83
SPECIAL INDU. MACH.	42.1	41.7	42.4	11.73	11.78	11.65
ELEC. & ELECTRON. MACH.	42.3	42.4	42.1	9.66	9.73	9.28
COMMUNICATIONS EQUIP.	42.1	41.8	43.4	10.48	10.68	10.12
ELECTRONIC COMP.	43.4	43.7	44.0	9.76	9.83	9.39
TRANSPORTATION EQUIP.	44.2	41.0	41.0	12.52	11.97	11.22
INSTRUMENTS	42.1	38.7	40.1	11.10	10.71	9.82
MEAS. & CONTROL DEVICES	42.0	40.9	40.2	8.20	8.32	8.03
MISC. MANUFAC. IND.	41.8	42.6	40.2	8.76	8.65	8.20
JEWELRY	40.8	41.4	40.2	7.51	7.58	7.33
NONDURABLE GOODS	39.8	40.2	40.8	9.03	8.95	8.56
FOOD & KINDRED PROD.	40.3	41.1	43.8	10.01	9.54	9.50
TEXTILE MILL PROD.	42.2	41.9	42.4	8.14	7.96	7.91
APPAREL	39.9	39.7	39.3	6.57	6.33	6.05
MENS & BOYS SUITS	41.5	41.3	42.2	7.35	7.05	7.02
PAPER & ALLIED PRODUCTS	43.1	43.9	43.5	9.55	9.37	9.41
PRINTING & PUBLISHING	37.1	37.9	38.4	10.08	10.04	9.56
CHEMICALS	39.8	39.5	41.0	11.71	11.77	10.62
RUBBER & PLASTIC PROD.	40.5	40.6	41.8	8.52	8.61	8.30
MISC. PLAS. PROD.	39.8	39.4	41.1	8.16	8.20	7.90
LEATHER & LEATHER PROD.	36.0	36.4	35.7	7.03	7.01	6.97
FOOTWEAR, EX. RUBBER	35.2	36.1	33.2	6.62	6.33	6.10



(continued from page 1)

Unemployment Rate Rises Slightly in August

Reflecting the Commonwealth's healthy economic condition, the seasonally adjusted unemployment rate for August 1987 measured 3.0 percent, up slightly from July's rate of 2.5 percent. Nationally unemployment remained stable at 6.0 percent. Using an eight month average from January 1987 to August 1987, only 3.4 percent of the state's labor force faced unemployment.

- Regionally, each of the major labor market areas showed negligible unemployment increases over the month. The Boston PMSA continues as the strongest labor market area in the state with an August 1987 unadjusted unemployment rate of 2.5 percent. Other areas showing relatively low unemployment rates this month include: the Salem-Gloucester PMSA with 2.6 percent, the Worcester MSA with 2.7 percent, and the Springfield MSA with 2.8 percent.

- Higher unemployment rates persist in southeastern Massachusetts, with the Fall River PMSA and the New Bedford MSA recording unadjusted unemployment rates of 4.2 percent and 4.0 percent respectively.

Per Capita Income Grows

The following table, based on the estimates from the U. S. Commerce Department's Bureau of Economic Analysis, describes per capita income changes in Massachusetts, New England, and the U. S. between 1976 and 1986. As shown below the per capita income level in the Commonwealth is growing at a faster rate than New England and the Nation. This statistic combined with unemployment data paints a favorable picture of the status of the Massachusetts economy.

PER CAPITA INCOME
1976-1986

	1976	1986	% Change
United States	$6,651	$14,641	120.1
New England	6,920	17,166	148.1
Massachusetts	7,004	17,722	153.0

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

	Aug 87	Jul 87	Aug 86
United States	6.0	6.0	6.8
Massachusetts	3.0	2.5	3.9
Labor Force	3097.0	3069.0	3081.0
Employed	3005.0	2993.0	2961.0
Unemployed	92.0	76.0	120.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	AUGUST 1987	JULY 1987	AUGUST 1986
UNITED STATES			
LABOR FORCE	121,615,000	122,105,000	119,471,000
EMPLOYMENT	114,527,000	114,652,000	111,516,000
UNEMPLOYMENT	7,088,000	7,453,000	7,955,000
PERCENT UNEMPLOYED	5.8	6.1	6.7
MASSACHUSETTS			
LABOR FORCE	3,153,400	3,132,100	3,136,700
EMPLOYMENT	3,064,700	3,052,200	3,020,700
UNEMPLOYMENT	88,700	79,900	116,000
PERCENT UNEMPLOYED	2.8	2.6	3.7
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,553,400	1,546,520	1,542,880
EMPLOYMENT	1,514,370	1,512,400	1,492,260
UNEMPLOYMENT	39,030	34,130	50,620
PERCENT UNEMPLOYED	2.5	2.2	3.3
BROCKTON PMSA			
LABOR FORCE	99,400	97,910	97,770
EMPLOYMENT	96,190	95,080	93,630
UNEMPLOYMENT	3,220	2,820	4,140
PERCENT UNEMPLOYED	3.2	2.9	4.2
FALL RIVER PMSA			
LABOR FORCE	77,950	75,720	77,400
EMPLOYMENT	74,690	72,110	73,140
UNEMPLOYMENT	3,270	3,610	4,260
PERCENT UNEMPLOYED	4.2	4.8	5.5
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	45,800	44,630	46,560
EMPLOYMENT	44,060	43,060	44,170
UNEMPLOYMENT	1,750	1,570	2,400
PERCENT UNEMPLOYED	3.8	3.5	5.1
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	186,060	184,440	183,830
EMPLOYMENT	178,490	176,960	175,020
UNEMPLOYMENT	7,570	7,480	8,810
PERCENT UNEMPLOYED	4.1	4.1	4.8
LOWELL PMSA			
LABOR FORCE	150,350	148,140	151,900
EMPLOYMENT	145,660	144,050	145,290
UNEMPLOYMENT	4,690	4,090	6,610
PERCENT UNEMPLOYED	3.1	2.8	4.3
NEW BEDFORD MSA			
LABOR FORCE	84,620	83,720	87,530
EMPLOYMENT	81,260	80,310	83,210
UNEMPLOYMENT	3,360	3,410	4,320
PERCENT UNEMPLOYED	4.0	4.1	4.9

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	AUGUST 1987	JULY 1987	AUGUST 1986
PITTSFIELD MSA			
LABOR FORCE	43,570	42,650	42,840
EMPLOYMENT	42,090	41,310	41,330
UNEMPLOYMENT	1,480	1,330	1,520
PERCENT UNEMPLOYED	3.4	3.1	3.5
SALEM-GLOUCESTER PMSA			
LABOR FORCE	155,880	155,790	158,060
EMPLOYMENT	151,790	151,870	152,710
UNEMPLOYMENT	4,090	3,920	5,360
PERCENT UNEMPLOYED	2.6	2.5	3.4
SPRINGFIELD MSA			
LABOR FORCE	254,370	254,060	251,190
EMPLOYMENT	247,210	247,790	241,020
UNEMPLOYMENT	7,150	6,270	10,170
PERCENT UNEMPLOYED	2.8	2.5	4.0
WORCESTER MSA			
LABOR FORCE	212,810	212,350	211,430
EMPLOYMENT	207,010	206,850	203,280
UNEMPLOYMENT	5,810	5,500	8,150
PERCENT UNEMPLOYED	2.7	2.6	3.9
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	29,790	29,690	29,030
EMPLOYMENT	29,010	29,020	28,240
UNEMPLOYMENT	780	670	790
PERCENT UNEMPLOYED	2.6	2.3	2.7
ATHOL LMA			
LABOR FORCE	10,680	10,800	10,150
EMPLOYMENT	10,260	10,410	9,660
UNEMPLOYMENT	420	400	500
PERCENT UNEMPLOYED	3.9	3.7	4.9
ATTLEBORO LMA			
LABOR FORCE	49,040	48,140	49,330
EMPLOYMENT	47,030	46,370	46,710
UNEMPLOYMENT	2,010	1,770	2,620
PERCENT UNEMPLOYED	4.1	3.7	5.3
BARNSTABLE LMA			
LABOR FORCE	118,430	118,080	116,510
EMPLOYMENT	115,790	115,770	113,380
UNEMPLOYMENT	2,640	2,310	3,130
PERCENT UNEMPLOYED	2.2	2.0	2.7
DUKES COUNTY LMA			
LABOR FOPCE	10,630	10,520	9,800
EMPLOYMENT	10,530	10,420	9,620
UNEMPLOYMENT	110	90	180
PERCENT UNEMPLOYED	1.0	0.9	1.8

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	AUGUST 1987	JULY 1987	AUGUST 1986
GARDNER LMA			
LABOR FORCE	14,620	14,380	14,390
EMPLOYMENT	14,000	13,710	13,580
UNEMPLOYMENT	620	670	810
PERCENT UNEMPLOYED	4.2	4.6	5.6
GREAT BARRINGTON LMA			
LABOR FORCE	9,860	9,580	9,230
EMPLOYMENT	9,600	9,390	9,010
UNEMPLOYMENT	260	190	220
PERCENT UNEMPLOYED	2.7	2.0	2.4
GREENFIELD LMA			
LABOR FORCE	26,370	26,000	24,750
EMPLOYMENT	25,760	25,470	24,050
UNEMPLOYMENT	600	530	700
PERCENT UNEMPLOYED	2.3	2.0	2.8
NANTUCKET LMA			
LABOR FORCE	8,550	8,570	8,310
EMPLOYMENT	8,540	8,540	8,210
UNEMPLOYMENT	20	20	100
PERCENT UNEMPLOYED	0.2	0.3	1.2
NORTH ADAMS LMA			
LABOR FORCE	18,830	18,640	18,410
EMPLOYMENT	18,110	17,920	17,430
UNEMPLOYMENT	720	710	980
PERCENT UNEMPLOYED	3.8	3.8	5.3
SOUTHBRIDGE LMA			
LABOR FORCE	12,600	12,650	12,920
EMPLOYMENT	12,140	12,230	12,300
UNEMPLOYMENT	460	420	630
PERCENT UNEMPLOYED	3.6	3.3	4.9
TAUNTON LMA			
LABOR FORCE	25,570	24,950	25,800
EMPLOYMENT	24,640	24,080	24,500
UNEMPLOYMENT	930	870	1,300
PERCENT UNEMPLOYED	3.6	3.5	5.0
WARE LMA			
LABOR FORCE	7,990	7,870	8,160
EMPLOYMENT	7,700	7,630	7,830
UNEMPLOYMENT	290	240	320
PERCENT UNEMPLOYED	3.7	3.1	4.0
BALANCE of WESTERN MASS EA			
LABOR FORCE	10,300	10,000	9,640
EMPLOYMENT	10,010	9,740	9,360
UNEMPLOYMENT	290	260	280
PERCENT UNEMPLOYED	2.8	2.6	2.9

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.